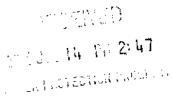
Use Attainability Analysis

for

WBID 0424 Little Blue River

Submitted by Tetra Tech, Inc

To Missouri Department of Natural Resources Water Protection Program



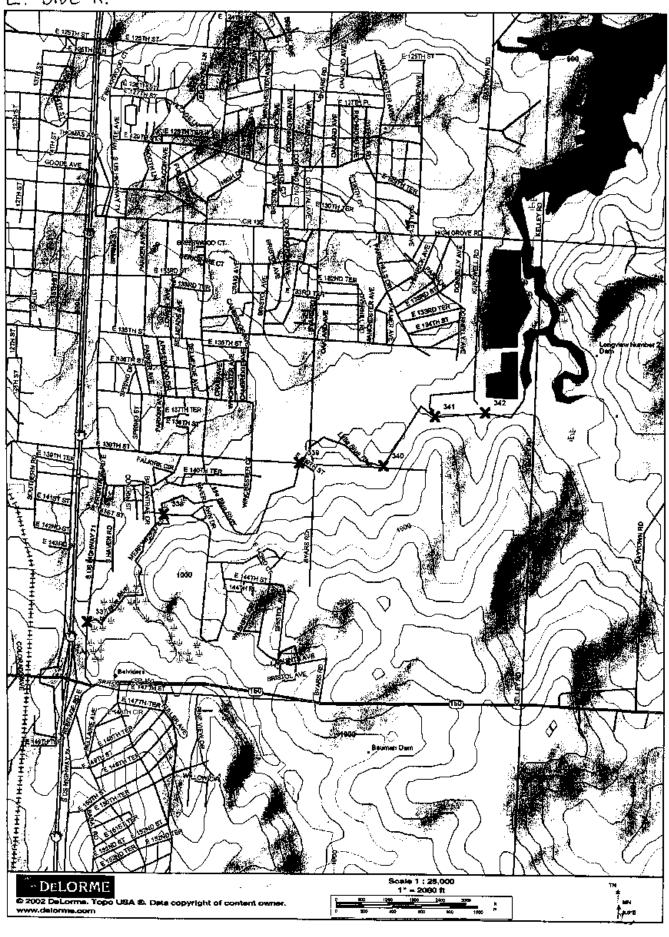
Data Sheet A - Water Body Identification

Water Body Name: (from USGS 7.5' quad) Blue River
8-digit HUC: 10300101
Missouri WBID #: 0474
County: CASS
Upstream Legal Description:
Downstream Legal Description:
Upstream Coordinates: (UGS 84, ddd.ddddd) 38.86747; 94.52277 38.87475; 94.49363
Downstream Coordinates: 38-87-475; 94-49363 6-30-05 (UGS 84, ddd.ddddd) 38-87-475; 94-49363 38-86747; 94-52277
Discharger Facility Name(s): Brookview Duplx-Grand Hil
Discharger Permit Number(s):
Number of Sites Evaluated: 6
Name of Surveyor and Telephone Number: DB, CG 410 356 8993
Organization: Tetra Tech Inc. Baltimore Md
Position: Scientists
the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA

I, datasheet is true and accurate.

Signed:		Date:	6/30/05-	
	_			

L. Blue R.



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID#: 042	24 (site II	2-337)	Site Location De	scription: a 200 m	from bridge					
Site GPS Coordinates: 39	3.86747:94.	52277	* Cno:	scription: a 200 m 65 mg at Merry	wood Ln. J					
Date & Time: 30)un	l 2005; 12:	40 pm	Facility Name: Brookview Duplx-Grand Hil							
Personnel: DB (6			Permit Number:							
Current Weather Condition	Current Weather Conditions: Cloudy, Rainy Weather Conditions for Past 7 days: Hot, humid dru									
Photo Ids: Upstream:	- 17			: 1936	100110110					
Uses Observed*: *	site was m	oved; or	riginalsik	e was located	on HWY 71.					
☐ Swimming	Skin diving	□ sct	JBA diving	☐ Tubing	☐ Water skiing					
☐ Wind surfing	☐ Kayaking	□ Boa	ting	☐ Wading	☐ Rafting					
☐ Hunting	☐ Trapping	□ Fish	ning	None of the above	☐ Other:					
- Course (Metade Rainix)	Of Harry deats rect	catting, il eque	aicy of use, photo-	documentation of evidence	of recreational uses, etc.)					
N/A										
1.7	7									
					į					
<u> </u>			<u></u>							
Surrounding Conditions	S*: (Mark all that or	romote or im	oede recreational us	ses. Attach photos of evider	noe or unueusi					
items of interest.)				ion i macii photos di Ciloci	W OI BIIGBBI					
☐ City/county parks	☐ Playgrounds	☐ MDC cor	nservation lands	☐ Urban areas	☐ Campgrounds					
☐ Boating accesses	☐ State parks	☐ National	forests	☐ Nature trails	☐ Stairs/walkway					
☐ No trespass sign	☐ Fence	☐ Steep slop	pes	1936 m	owed Lawn					
Evidence of Human Use	e*:			,						
□ Roads	☐ Foot paths/prin	ts 🗆 D	ock/platform	☐ Livestock Watering	□ RV / ATV Tracks					
☐ Rope swings	☐ Camping Sites	□F	ire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle					
C Other:		· ···	<u> </u>							
				·						

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Page Two - Data Sheet B for WBID # 0424: Site ID-337

Stream Morp Upstream			nensions:					
	Width (ft		Length (ft):	A	vg. Depth (ft):	··	Max. Depth (ft):
□ Run	Width (ft):	Length (ft):	A	vg. Depth (ft):		Max. Depth (ft):
∑ (Pool	Width (f	i lom	Length (ff):	20m A	vg. Depth (ft):	0.2m	Max. Depth (ft): 0.3m
Flow	Present?	\\Yes	□ No	E	stimated (ft ³ /sec)		seconds/me	
Downstrea	ım Viev	v Physical	Dimensions:					
☐ Riffle	Width (f		Length (ft):		vg. Depth (ft):	_	Max. Depth (ft):
□ Run	Width (f	t):	Length (ft):		vg. Depth (ft):		Max. Depth (1	· · · · · · · · · · · · · · · · · · ·
⊠ Pool	Width (#	6: 10m	Length (M):	20m A	Avg. Depth (ft):	0.2m	Max, Depth (<u> </u>
Flow	Present?		[] No		stimated (ft³/sec)			eter
Culturaturatura					·			-,0,
Substrate*: 41) %	Cobble		odd up to 100%. Gravel) % Sand	q,	Silt	% Mud/Clay	20 % Redrock
100		<u> </u>	014.01	70 04744		<u> </u>	# Bad. Acid	20 % Bedrock S concrete
Water Chara					<u> </u>			
Color:		☐ Sewage	☐ Musky	☐ Cher			Other:	
Bottom De	•	D Clear	Green	☐ Gray	.	l ilky		2WM
Surface De		□ Sludge	☐ Solids		sediments DN		Other:	·
Suitate Le	posit:	□ Oil	☐ Scum	□ Гоал	n 25 (1)	Tone	Other:	
Comments: 1	Please a	ttach addit	ional comme	nts (including	; information fr	om inte	rviews) to this fo	rm.
comprehensive:	understar	iding of wate	r conditions. Co	ensequently, this	s information is no	ot intended	is to provide a mor d to directly influen at effect another us	ce a
datasheet is	true an	d accurat	2				mation reported	on this UAA
Signed:	<u> </u>	<u> </u>				13010	7	
Organization		tra TI	ch, INC	٠		scie	ntist	
				QC C	hecks c	G		

0424_337_US



0424_337_DS



0424_337_mowed lawn



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

r		·····							
ļ	Missouri WBID #: 042	- <u> </u>	- 33	Site Location I	Site Location Description: Menywood Ln. at bridge crossing				
	Site GPS Coordinates: 3		520	74	at bridge	, crossing			
ļ	Date & Time: 30 JUN	l 2005; 12	27 p		Brookview Duply				
	Personnel: DB, CG	, !		Permit Number	Permit Number:				
	Current Weather Condition	ms: Cloudy, R	ain	Weather Condi	Weather Conditions for Past 7 days: Hot, humid, dry				
Į	Photo Ids: Upstream: 193 Downstream: 1930 Other: 1935 1937 66 6-20-05								
Us	es Observed*:	-	١	Nemory care	1.A-	<u> </u>			
	☐ Swimming ☐ Skin diving			☐ SCUBA diving	☐ Tubing	☐ Water skiing			
	☐ Wind surfing	☐ Kayaking	Ţ	☐ Boating	☐ Wading	☐ Rafting			
	☐ Hunting	☐ Trapping		☐ Fishing	None of the above	☐ Other:			
	N/A								
Su iter	rrounding Condition as of interest.)	is*: (Mark all that p	promote	or impede recreational	uses. Attach photos of evide	nce or unusual			
	☐ City/county parks	☐ Playgrounds	□м	DC conservation lands	☐ Urban areas	☐ Campgrounds			
	☐ Boating accesses	☐ State parks	□ Na	ational forests	☐ Nature trails €	☐ Stairs/walkway			
	☐ No trespass sign	□ Гевсе	□ Ste	ep slopes	Other: 1935 m	lowed Lawn			
Ev	idence of Human Us	e*:			CG-30-05 1937				
	Roads	☐ Foot paths/prit	nts	☐ Dock/platform	☐ Livestock Watering	□ RV / ATV Tracks			
	☐ Rope swings	☐ Camping Sites	;	☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle			
	☐ Other:			<u> </u>		· · · · · · · · · · · · · · · · · · ·			
	<u></u>								

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Page Two - Data Sheet B for WBID # 0424: Site ID - 338

Stream Mort Upstream			mensions:				
□ Riffle	Width (f		Length (ft):	Avg. Dep	th (ft):	Max. Depth (ft):	 .
□ Run	Width (f	<u> </u>	Length (ft):	Avg. Dep	th (ft):	Max. Depth (ft):	<u></u> .
Pool	Width (f): 14m	Length (ff):	10m Avg. Dep	th (ft): 0.3m		0.5m
Flow	Present?	☐ Yes	□ No			measurable	
Downstrea	am Viev	v Physical	Dimensions:		,_,,		,, <u>-</u> .
□ Riffle	Width (f		Length (ft):	Avg. Dep	th (ft):	Max. Depth (ft):	
☐ Run	Width (f	 t);	Length (ft):	Avg. Dep	th (ft):	Max. Depth (ft):	_
Pool	Width (f	9: GM	Length (ft):	() M Avg. Dep	th (PM): ().Fm		0.7m
Flow	Present?	<u> </u>	□ No	Estimated	(03)	Conds/miter	
Substrate*:	(These w	,	add up to 100%.)			conagnita	<u> </u>
92	Cobble		6 Gravel	万)% Sand	% Silt	% Mud/Clay	% Bedrock
Water Char	acterist	ics*: (Mark	all that apply.)				
Odor:		□ Sewage	☐ Musky	☐ Chemical	None	□ Other:	
Color:		□ Clear	☐ Green	☐ Gray	☐ Milky	Other: 100	Mish
Bottom De	posit:	□ Sludge	☐ Solids	▼Fine sediment ■ The se	s 🗆 None	Other:	
Surface De	posit:	□ Oil	□ Scum	☐ Foam	None None	☐ Other:	
This information on the	on is not understar recreation	to be used so ding of water use analysi	olely for removal er conditions. Co s but may point to	ots (including information of a recreational use desinsequently, this information conditions that need further than the conditions that need furth	ignation but rather tion is not intender rther analysis or th	is to provide a more d to directly influence a nat effect another use.	
datash eet is	true an	d accurat	e.				
Signed:				Date:	6/30	105	·
Organization	- 14	tra-T	uch, Inc	Date:	ion: <u>Scile</u>	atist	
				QC Check	(8 CG		

0424_338_US





0424_338_mowed lawn



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

_									
Ŋ	Missouri WBID#: 04	124 (site I	D-339)	Site Location De	scription: Byays R	d at			
S	ite GPS Coordinates: 3/	3.87238:94	50850	1	bridge crossi	ina			
1	Date & Time: 30 Juni	2005. 1:07	7m	Facility Name:	Brookview Duplx-	Grand Hil			
	ersonnel: DB (G		1	Permit Number:					
(Current Weather Condition	ns: Partly clour	du mona	Weather Conditions for Past 7 days: Hot, humid, dry					
F	hoto Ids: Upstream:		istream:		: 1939 1941	HUTTIO ATO			
Uses	Observed*:		Mer	nory card	A				
	☐ Swimming ☐ Skin diving		□ sci	UBA diving	☐ Tubing	☐ Water skiing			
1	J Wind surfing	☐ Kayaking	□ Во	ting	☐ Wading	☐ Rafting			
	Hunting	☐ Trapping	☐ Fish	ning	None of the above	☐ Other:			
I	Describe: (include numbe	r of individuals recre	eating, freque	ency of use, photo-	documentation of evidence	of recreational uses, etc.)			
Sur	rounding Condition								
items	of interest.)	ST: (Mark all that p	romote or im	pede recreational u	ses. Attach photos of evider	nce or unusual			
L	☐ City/county parks	☐ Playgrounds	☐ MDC co	nservation lands	☐ Urban areas	☐ Campgrounds			
Ļ	☐ Boating accesses	☐ State parks	☐ National	forests	☐ Nature trails	☐ Stairs/walkway			
Ŀ	☐ No trespass sign	☐ Fence	☐ Steep sio	pes	☐ Other:	· · · · · · · · · · · · · · · · · · ·			
Evic	lence of Human Us	e*: sidewalk	over bri	dal - 1941	·	<u>.</u>			
	Roads	Foot paths/prin	ts 🗆 D	ock/platform	☐ Livestock Watering	□ RV / ATV Tracks			
	Rope swings	☐ Camping Sites	ΔF	ire pit/ring	C) NPDES Discharge	☐ Fishing Tackle			
Ų	(Other: 1939 6	raffiti unde	r brida	je					

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Page Two - Data Sheet B for WBID # 0424; (Site ID - 339)

Upstream '	Width (ft):		Length (ft):	A	. Depth (ft):)	-4 (2)	
	Width (ft):		Length (ft):		Depth (ft):		Max. De	<u> </u>	
4	Width (ft):		Length (ft):	- 4			Max. De	<u> </u>	
					. Depth (ft):	<u>0.3m</u>		pth (ft): (
Flow	Present?	X Yes	□ No	Estn	mated (ft ³ /sec	D 51	econds / 1	neter	<u>-</u>
Downstrea	m View	Physical	Dimensions:				-		
	Width (ft):		Length (ft):	Avg	. Depth (ft):		Max. De	pth (ft):	· ·
□ Run	Width (ft)	-	Length (ft):	Avg	. Depth (ft):	· . ·	Max. De	pth (ft):	. <u></u>
X Pool	Width (ft)	10m	Length (ft):	20m Ave	. Depth (ft):	0.2m	Max. De	oth (ft):).35m
Flow	Present?	☐ Yes	□ No		mated (ft ³ /sec): 5 ₅	umbj	<i>y</i>	-
Substratate /	T1		11					· [.144] (./]	. <u>. </u>
90 %	Cobble		dd up to 100%.)	% Sand		6 Silt	% Mud/Cla		% Bedrock
LOTS	etation*:	(note amou	int of vegetation of VLG LFA His	or algal growth at On . In clu Pich	the assessment of the description of the descriptio	ent site) NOWN	in Vs	and	D5
LO15	of aq:)atic '	vegetatii	or algal growth at On . In clu Pich	the assessment of ALO/5	ent site)	IN V5	and	D5
L015	of agr)atic '	vegetatii	or algal growth at	odla/s	ent site)	IN U5	and	D5
LO15	of ag)0.11'C ' 5*: (Mark	vegeta +17	on. In clu Pich	i X	hown	☐ Other:		
Water Chara	of agr	OATIC	vlgltatti all that apply.) □ Musky	On The Clu Pich	ald/s	None			
Water Chara Odor: Color:	of agr	OATIC	all that apply.) □ Musky □ Green	Chemics	iments	None Milky	□ Other:		
Water Chara Odor: Color: Bottom Dep Surface Dep	of agr	S*: (Mark Sewage Clear Sludge	all that apply.) Musky Green Solids	Chemics Cray Fine sed	iments	None Milky None	☐ Other: ☐ Other: ☐ Other:	brown	
Water Chara Odor: Color: Bottom Dep Surface Dep Comments: F	of aqui	S*: (Mark Sewage Clear Sludge Oil ach addit be used sol	all that apply.) Green Solids Scum	Chemics Chemics Chemics Chemics Chemics Fine sed Foam Significant Cluding Chemics	dlo/5	None Milky None Trom inter	Other: Other: Other: Other: tiews) to this to provide a	is form.	
Water Chara Odor: Color: Bottom Dep Surface Dep Comments: F This information comprehensive undecision on the re-	cteristic	S*: (Mark Sewage Clear Sludge Oil ach addit be used soing of wate ise analysis	all that apply.) Musky Green Solids Scum Sound comments Solids Consider conditions. Consider to the best	Chemics Chemic	d LO/5 WAS.	None Milky None From inter to but rather not intended alysis or the	Other: Other: Other: Other: Other: to other: views) to this to provide a to directly infat effect another	is form. more luence a er use.	nsh.
Water Chara Odor: Color: Bottom Dep Surface Dep Comments: F This information comprehensive undecision on the re- t, the undersit	cteristic	S*: (Mark Sewage Clear Sludge Oil ach addit be used soing of wate ise analysis	all that apply.) Musky Green Solids Scum Sound comments Solids Consider conditions. Consider to the best	Chemics Chemic	d LO/5 WAS.	None Milky None From inter to but rather not intended alysis or the	Other: Other: Other: Other: Other: to other: views) to this to provide a to directly infat effect another	is form. more luence a er use.	nsh

0424_339_US



0424_339_DS



0424_339_graffiti





Data Sheet B - Site Characterization

	(A separate o	ata snee	t must be complet	ted for each site) (i∧	ongview Lake Par			
Missouri WBID #: 04	24 (SHEID	- 340)	Site Location D	escription: River tra	il, near			
Site GPS Coordinates: 7	8 87 195,94.	50181		o'donnell	aulss.			
15 . a m		38 pn	7 Facility Name:	Facility Name: BYCOKYICW DUPIX-Grand HiL				
Personnel: DB (G	,			Permit Number:				
Current Weather Condition	ons: Sunny hot	hum	Weather Condit	Weather Conditions for Past 7 days: Hot, humid, any				
		nstream:		945 Other: 1942, 1943				
ses Observed*:	Memoryca	ard A	* 1942		und unpaved tra			
☐ Swimming	☐ Skin diving		SCUBA diving	☐ Tubing	☐ Water skiing			
☐ Wind surfing	☐ Kayaking		Boating	□ Wading	☐ Rafting			
☐ Hunting	☐ Trapping		Fishing	☑ None of the above	☐ Other:			
urrounding Condition		promote o	r impede recreational s	uses. Attach photos of evide	nce or unusual			
City/county parks	☐ Playgrounds	П мо	C conservation lands	☐ Urban areas	☐ Campgrounds			
☐ Boating accesses	State parks		onal forests	Nature trails 1943	Stairs walkway 194			
☐ No trespass sign	☐ Fence	☐ Stee		Other:)			
vidence of Human Us	se*:			······································	Parallels stream			
□ Roads	Foot paths/pri	nts	☐ Dock/platform	☐ Livestock Watering	RV / ATV Tracks			
☐ Rope swings	☐ Camping Sites	·	☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle			
□ Other:				<u> </u>	-			

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Page Two - Data Sheet B for WBID # 0424: (51+6 ID - 340)

tream Morphol Upstream Vie	ogy: w Physical Dir	nensions:			
	th (ft);	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):
□ Run Wid	th (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):
Pool Wid	uh gens: 18 m	Length (ft): 20 r	Avg. Depth	(46): 0.3 n	
SKFlow Pres	ent? Yes	□ No	Estimated (1		words/meter
Downstream \	View Physical	Dimensions:			
,	th (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):
□ Run Wid	th (ft):	Length (ft):	Avg. Depth		Max. Depth (ft):
Pool Wid	th (ft): 10 m	Length (ft): 7)m Avg. Depth	(ft): B.2m	Max. Depth (ft): 0.3m
Flow Pres	ent? Yes	□ No	Estimated (f		scunds / meter
quatic Vegetat	ble %	Gravel int of vegetation or a	% Sand /	O % Silt	% Mud/Clay 50 % Bedrocl
Vater Characte	ristics*: (Mark	all that apply.) □ Musky	☐ Chemical	None	□ Other:
Color:	☐ Clear	☐ Green	☐ Gray	☐ Milky	Xother: byownish
Bottom Deposit		☐ Solids	☐ Fine sediments	□ None	**Other: bedrock/cobb
Surface Deposit	□ Oil	☐ Scum	☐ Foam	None	☐ Other:
This information is imprehensive unde	not to be used so! rstanding of wate.	iely for removal of a r conditions. Conseq	recreational use design	nation but rather	d to directly influence a
atasheet is true	and accurate	·			mation reported on this UAA
igned:			Date:	G /301	105
rganization:	Tetra Tec	h, INC	Date:Position	n: <u>Sciov</u>	ntist
			acchecks		

0424_340_US







0424_340_paved trails



0424_340_unpaved trail



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

	4 (site ID	-341)	Site Location De	escription:	WINK Part
Site GPS Coordinates: 3	_	4.4981	T rocatea n	within Longvier	NIARC Park.
Date & Time: 30 Jun		08 pm		Brookview Duply	x - Grand Hal
Personnel: DB, CG	,		Permit Number:		COMMITTEE
Current Weather Condition	ons: Partly clour	du, Hot	Weather Conditi	ons for Past 7 days: Hot,	humid.drv
Photo Ids: Upstream:		nstream:	1951 Other		948 1949
ses Observed*:		ŗ	nemory ca		
□ Swimming	□ Swimming □ Skin diving		CUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	□ E	oating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	□F	ishing	None of the above	☐ Other:
Describe: (include number	er of individuals reco	reating, free	uency of use, photo-	documentation of evidence	of recreational uses, etc.)
surrounding Condition	15*: (Mark all that p	promote or i	mpede recreational u		
enus of interest.) 1940 -	LUATE YAZAMAY	river		ises. Attach photos of evider	nce or unusual
City/county parks	☐ Playgrounds	l ''	conservation lands	ses. Attach photos of evider	
	1	l ''	conservation lands		□ Campgrounds
City/county parks	☐ Playgrounds ☐ State parks ☐ Fence	☐ MDC o	conservation lands al forests	☐ Urban areas	☐ Campgrounds
☐ Boating accesses ☐ No trespass sign	☐ Playgrounds ☐ State parks ☐ Fence	☐ MDC ☐ Nation ☐ Steep s	conservation lands	☐ Urban areas ☐ Nature trails ☐ Other:	☐ Campgrounds
☐ Boating accesses ☐ No trespass sign	☐ Playgrounds ☐ State parks ☐ Fence	☐ MDC ☐ Nation☐ Steeps	al forests	☐ Urban areas ☐ Nature trails	☐ Campgrounds
☐ Boating accesses ☐ No trespass sign	☐ Playgrounds ☐ State parks ☐ Fence ☐ 1948 Toolse*: 1947 Tv	□ MDC □ Nation □ Steep s □ tvail □ Lac	conservation lands al forests clopes along now	Urban areas Nature trails Other:	☐ Campgrounds ☐ Stairs/walkway
☐ Boating accesses ☐ No trespass sign Evidence of Human Us ☐ Roads	☐ Playgrounds ☐ State parks ☐ Fence ☐ 1948 Toolse*: 1947 Tv	□ MDC □ Nation □ Steep s □ tvail □ Lac	conservation lands al forests clopes along nyw ling to ylver Dock/platform	□ Urban areas □ Nature trails □ Other: (divt path) □ Livestock Watering	☐ Campgrounds ☐ Stairs/walkway ☐ RV / ATV Tracks

*Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Page Two - Data Sheet B for WBID # 0424: (Site ID-341) Stream Morphology: Upstream View Physical Dimensions: Width (ft): ☐ Riffle Length (ft): Avg. Depth (ft): Max. Depth (ft): Width (ft): □ Run Length (ft): Avg. Depth (ft): Max. Depth (ft): Width (ft): Length (ft): 20 m 25m $1.0 \, \mathrm{m}$ Max. Depth (ft): 2. 1.3 m ☑ Pool Avg. Depth (ft): Estimated (ft³/sec): \(\square\tau \) _ ☑ Flow Present? DZ'No MUNSUVABL □ Yes Visual estimates Downstream View Physical Dimensions: Width (ft): ☐ Riffle Length (ft): Avg. Depth (ft); Max. Depth (ft): □ Run Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): Width (A): Length (66): 20 m $1.0 \, \mathrm{m}$ Avg. Depth (ft): 🏹 Pool 75m Max. Depth (ft): 1.3m 过Flow Estimated (ft³/sec): Present? .⊠No measurab ☐ Yes M-Substrate*: (These values should add up to 100%.) 90 % Cobble % Gravel % Sand % Silt % Mud/Clay % Bedrock Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site) N/A Water Characteristics*: (Mark all that apply.) Odor: None N □ Sewage □ Musky ☐ Chemical ☐ Other: Color: ☐ Clear □ Green □ Gray □ Milky (X) Other: bww/1 **Bottom Deposit:** ☐ Sludge □ Solids ☑ Fine sediments □ None ☐ Other: Surface Deposit: □ Oil ☐ Scum □ Foam M None Other: Comments: Please attach additional comments (including information from interviews) to this form. *This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use. I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Ac Check's CG

September 29, 2004

Tetra Tech

Signed:

Organization:

0424_341_US

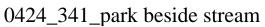
042<u>4_</u>341_DS





0424_341_fishing tackle







0424_341_path







Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: 042	H lake TD.	2/1/1	\ Site Location	Description:		<u></u>
Site GPS Coordinates: 3	. 10110 20	492	4 1 1000	view take F	ark	~
Date & Time: 30 July	0.0115,17	3301		: Brookview Du	al v	Cond III
Personnel: DB (<u> </u>	2771	Permit Numbe	r:	<u> </u>	Stand HIL
Current Weather Condition	ons: Partly Clou	du H	∩T Weather Cond	itions for Past 7 days:	Hot	lourseld that
Photo Ids: Upstream:	_ '''	nstream	(= " "	ют: 1954	TIOL	romia, aira
Uses Observed*:			Memory			
☐ Swimming	Skin diving	Ti	SCUBA diving	□ Tubing		☐ Water skiing
☐ Wind surfing	☐ Kayaking	1	□ Boating	□ Wading		Rafting
☐ Hunting	☐ Trapping	ı	□ Fishing	None of the al	xove	☐ Other:
- Same (Melade Mellio)	er of thatviduals reci	reaung,	requency or use, phor	o-documentation of ev	ridence	of recreational uses, etc.)
I N/A			•			
<u></u>						
			· 			
Surrounding Condition items of interest.)	18*: (Mark all that p	romote	or impede recreational	uses. Attach photos o	f evider	nce or unusual
City/county parks	☐ Playgrounds	□м	DC conservation lands	☐ Urban areas		☐ Campgrounds
☐ Boating accesses	☐ State parks	□ Na	ational forests	☐ Nature trails		☐ Stairs/walkway
☐ No trespass sign	□ Fence	□ Ste	ep slopes	☐ Other:		· · · · · · · · · · · · · · · · · · ·
Evidence of Human Us	e*:					
☐ Roads	☐ Foot paths/prit	nts	☐ Dock/platform	☐ Livestock Wat	ering	□ RV / ATV Tracks
☐ Rope swings	☐ Camping Sites		☐ Fire pit/ring	☐ NPDES Disch		☐ Fishing Tackle
☐ Other:						
	 		<u> </u>	<u>.</u>		

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Page Two - Data Sheet B for WBID # 0424 : (Site ID-342) Stream Morphology: Upstream_View Physical Dimensions: Width (ft): □ Riffle Length (ft): Avg. Depth (ft): Max. Depth (ft): Width (ft); □ Run Length (ft): Avg. Depth (ft): Max. Depth (ft): Length (DY: 20 m **⊠**(1000) Width (ft): Avg. Depth (ft): Max. Depth (ft): 0.9 **□**Flow Present? Estimated (ft³/sec): K) Yes □ No Downstream View Physical Dimensions: Riffle Width (ft): Length (ft): 20 m ωт Avg. Depth (ft): 0.2m Max. Depth (ft): Width (ft): □ Run Length (ft): Avg. Depth (ft): Max. Depth (ft); ☐ Pcol Width (ft): Length (ft): Avg. Depth (ft); Max. Depth (ft): ☐ Flow Present? Estimated (ft³/sec): ☐ Yes □ No Substrate*: (These values should add up to 100%.) 47) % Cobble 50 % Gravel % Sand % Silt % Mud/Clay % Bedrock Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site) some aquatic vegetation. Water Characteristics*: (Mark all that apply.) Odor: ☐ Sewage ☐ Musky ☐ Chemical None ☐ Other: Color: ☐ Green ☐ Clear ☐ Gray □ Milky 🛛 Other: av (MWn. Bottom Deposit: ☐ Sludge □ Solids ☐ Fine sediments □ None X Other: Surface Deposit: None ☐ Scum ☐ Foam Other:

Comments: Please attach additional comments (including information from interviews) to this form.

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed:	Date: 6/30/01	
Organization: Tetra Tech, INC	Position: Scientist	
	QC Check & CG	

^{*}This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use.





0424_342_DS



0424_342_aquatic vegetation

